

REPAIRING NEWLINES FROM ALL PARTS OF THE WORLD CHRISTMAS TO BE CELEBRATED ON LINERS AT SEA

FOR LEVIATHAN JOB Ship Repair Firms Along Atlantic Coast to Send Bids Thursday.

COST IS PROBLEMATIC Reconditioning Task Believed Certain to Be in Excess of \$5,000,000.

Although no bids on the reconditioning of the Leviathan have yet been turned in, it is known that practically every large ship repair firm on the Atlantic coast has had a corps of experts at work on the specifications with a view to entering the competition for the job.

The bids will be opened Thursday, December 29, at 10 A. M. in the office at 11 Broadway of W. F. Gibbs, chief of construction for the International Mercantile Marine Company and official custodian of the vessel for the United States Shipping Board.

The bids submitted on the former occasion ranged between \$3,900,000 and \$10,000,000. New specifications in the fact that bids have not yet been turned in, Mr. Gibbs said yesterday.

No clear indication can be gained in advance of the opening regarding figures that will be named in the bids.

Estimates given by Shipping Board officials vary widely from \$1,000,000 to \$10,000,000, according to other interested sources.

It is agreed, however, that the bids submitted a year ago to the Shipping Board for the reconditioning of the Leviathan give no positive view to what the job will cost under present conditions.

The bids submitted on the former occasion ranged between \$3,900,000 and \$10,000,000. New specifications have since been prepared, however, and many changes have been incorporated with the intention of bringing the ship up to the best present day marine engineering practice.

Although these changes will not add appreciably to the amount of labor and materials needed there have been added specifications for stowage of supplies which did not enter at all in the bids submitted last year.

If the new specifications merely for reconditioning of the engines and passenger accommodations it would be expected that the lowest bid submitted, \$3,900,000, would not be exceeded.

Supplies will add an indeterminate amount to this figure. The task of preparing bids has been assigned to the shipyard. One repair plant has been selected and others are being studied.

The specifications are the work of a committee, forming a book of more than 1,000 pages of text, besides 53 pages of index, the volume being six by nine inches and nearly three inches thick.

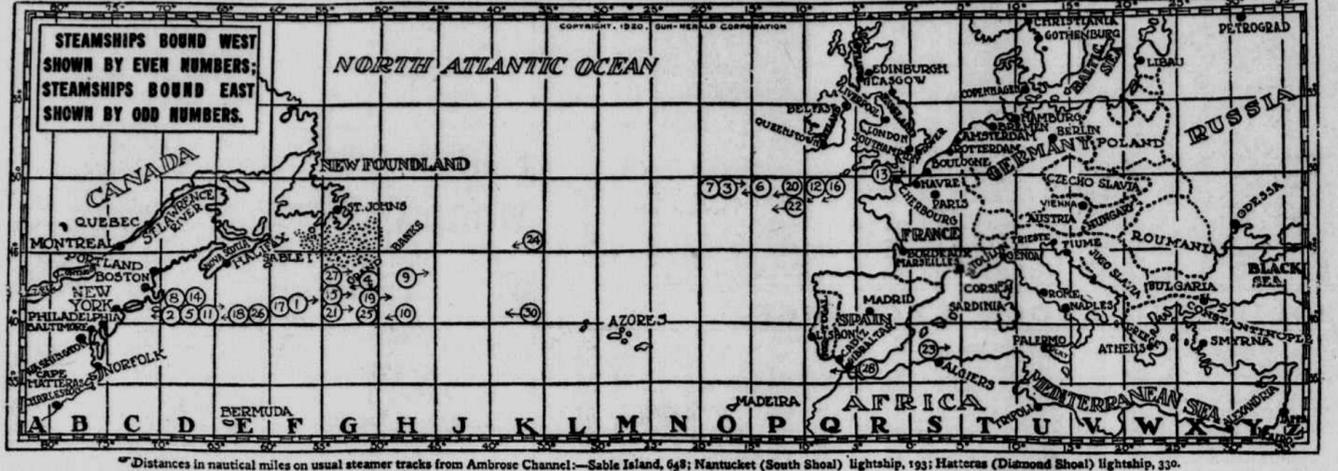
The subjects covered are grouped under twelve headings, ranging from general conditions, oil burning installation, plumbing and venting, to lifeboats and equipment for their handling.

Another volume of 120 pages contains specifications for alterations and repairs to the ship's machinery, and the specifications for electrical department supplies, including linen and tableware, also are separate.

Little of the equipment taken out of the big ship when she was reconditioned is now available.

The furniture, which was maintained in fairly good condition, was reupholstered and placed in the George Washington when she was reconditioned last spring.

When she was reconditioned last spring.



Distances in nautical miles on usual steamer tracks from Ambrose Channel—Sable Island, 69; Nantucket (South Shoal) lightship, 193; Hatteras (Diamond Shoal) lightship, 330.

Key to Chart of Steamships Crossing the Atlantic

Table with columns for 'BOUND EAST' and 'BOUND WEST'. It lists ship names, lines, and destinations. For example, under 'BOUND EAST', it lists 'White Star' with ships like Cedric, Kronland, and Zealand. Under 'BOUND WEST', it lists 'White Star' with ships like Celtic, Olympic, and Finland.

CLOSING OF MAILS

Foreign mails will close promptly as indicated below at the General Post Office and City Hall Station. Ordinary prints, samples, parcels post packages and registered articles...

Transatlantic Mails. TUESDAY, DECEMBER 27.

South Africa (S), via Cape Town; also parcel post mails for Union of South Africa, Newfoundland Protectorate, Portuguese East Africa, Norway and Southern Oceanic...

Mails for South and Central America, West Indies, &c. TUESDAY, DECEMBER 27.

St. Thomas, St. Croix, St. Kitts, Nevis, St. Martin, St. Barts, Antigua, Montserrat, Dominica, St. Lucia, St. Vincent, Barbados and Guiana...

DEPARTURE OF STEAMERS. SAIL TUESDAY.

Chicago City, Bristol, 3:00 PM. Hampshire, Cape Town, 3:00 PM. Panhandle Star, London, 3:00 PM.

PORT OF NEW YORK, SATURDAY, DEC. 24, 1921

Steamers Due in New York. DUE DECEMBER 25.

Arnaphe, Jacksonville 22:00. Clyde Line. Arnaphe, Jacksonville 22:00. Clyde Line. Arnaphe, Jacksonville 22:00. Clyde Line.

DUE DECEMBER 26.

Balaam, London 13:00. United Fruit. Balaam, London 13:00. United Fruit. Balaam, London 13:00. United Fruit.

DUE DECEMBER 27.

Anna, Guayaquil 11:00. Caribbean SS Co. Anna, Guayaquil 11:00. Caribbean SS Co. Anna, Guayaquil 11:00. Caribbean SS Co.

Almanac for New York Dec. 25.

sun rises, 7:18. moon rises, 3:26 AM. sun sets, 4:54. moon sets, 2:11 PM.

DROPPING OF TIME BALL.

NEW YORK, Dec. 24.—The time ball above the Navigation and Marine Engineering School of the Seaman's Church Institute, South street, dropped today at exact noon.

ARRIVED.

St. Francis, 11:00 AM, Copenhagen 22:00 and Christiania 10:15, 15 Funch, Dec 25.

Notice to Owners, Agents and Ship Masters.

The Herald publishes daily reports of the positions of merchant vessels received through the United States Naval Communication Service. Ship masters of vessels with radio apparatus may, without charge, report their (TR) noon positions through the following radio stations in the United States proper: Bar Harbor, Me. (Ottercliff); Amagansett, L. I.; Cape May, N. J.; Norfolk, Va.; Cape Hatteras, N. C.; Jupiter, Fla.; Key West, Fla.; New Orleans, La. These position (TR) reports must be addressed only to the radio station called, and they will be forwarded to New York. It is important that these reports should be sent promptly at noon each day in order that they will be received in time for publication.

Continued on Following Page.

STEAMSHIPS, EXCURSIONS and TOURS. WHITE STAR.

Sailings from New York, N.Y. to Liverpool, Southampton and Queenstown. White Star Line.

RED STAR LINE.

Sailings from New York, N.Y. to London, Antwerp, and other ports. Red Star Line.

AMERICAN LINE.

Sailings from New York, N.Y. to London, Liverpool, and other ports. American Line.

LEYLAND LINE.

Sailings from New York, N.Y. to Liverpool, London, and other ports. Leyland Line.

SEATTLE TO THE ORIENT on U.S. Government Ships.

Over the Short Northern Route. Seattle to Yokohama, Kobe, Shanghai, Hong Kong, Manila in express time.

THE ADMIRAL LINE.

Seattle to Yokohama, Kobe, Shanghai, Hong Kong, Manila in express time.

U.S. SHIPPING BOARD.

Seattle to Yokohama, Kobe, Shanghai, Hong Kong, Manila in express time.

WIRELESS REPORTS.

By United States Naval Radio. (Distances given in miles; position at noon, unless otherwise specified.)

A. L. Kent 19 52 Cape Henry 24th. American Lines 113 Cape Henry 24th.

By United States Naval Radio. (Distances given in miles; position at noon, unless otherwise specified.)

29 Vessels in Smallest Fleet of Many Months Now Crossing Atlantic.

French steamship La Savoie (F-17) for Havre sailed, which was once a tripping naval substitution by sailing on Friday. It is no new departure for the White Star fleet, which some years ago had regular Friday sailings westward.

NEW YORK to EUROPE on U.S. Government Ships.

Sailings from Piers 1 and 4, Hoboken to Plymouth, Cherbourg, Bremen, Antwerp, London, Southampton, and other ports.

CONARD-ANCHOR.

Services from New York to Liverpool, London, and other ports.

AMERICAN LINE.

Sailings from New York, N.Y. to London, Liverpool, and other ports.

LEYLAND LINE.

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STEAMSHIPS, EXCURSIONS and TOURS. HOLLAND-NORWEGIAN.

Sailings from New York, N.Y. to Rotterdam, London, and other ports.

FURNESS-BERMUDA-LINE. Under Contract With Bermuda Government. The palatial steamers of the Furness Bermuda Line land their passengers and baggage directly at Hamilton Dock, avoiding the discomforts, inconveniences and delay of landing by tender.

West Indies Cruises. 3 de luxe cruises of 23 Days Each. ON THE MAGNIFICENT NEW TWIN-SCREW S.S. "FORT ST. GEORGE" 14,000 Tons Displacement.

On Tropic Seas to PORTORICO. THERE is no lovelier spot for a winter holiday than this "Island of Enchantment." A climate soft as June; cities and harbors vivid with the glamour of Old World life.

CONARD-ANCHOR. Passenger & Freight Services from New York to Liverpool, London, and other ports.

Bermuda. MOTOR BOATING on a turquoise sea among coral isles, flowers, palms, luxuriant, exotic life—only 48 hours from winter's eye.

SPANISH ROYAL LINE. SPECIAL NOTICE. Steamers of the Line carry Mail and Passengers and sail promptly regardless of cargo volume.

SWEDISH AMERICAN LINE. Short route and through bookings to principal ports in Scandinavia, Germany and Baltic Sea.

HOLLAND-NORWEGIAN. NEW YORK TO ROTTERDAM. The Plymouth, Bremen, and other steamers of the line.